

SUBSTITUTE FORM PTO-1449
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PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
AMPE/02ASERIAL NO.
80039,684

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(37 CFR 1.8(b))

(Use several sheets if necessary)

APPLICANT
Lowell F. Matthews et alFILING DATE
December 31, 2001GROUP
1772

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
llg	A.A	5	0	7	4	5	9	5	12/24/91	Hill et al			
	A.B	5	4	3	9	7	2	1	8/8/95	Pedroli et al			
	A.C	5	3	2	4	5	5	9	6/28/94	Brombacher			
	A.D	5	2	3	4	7	3	5	8/10/93	Baker et al			
	A.E	5	1	4	9	5	8	7	9/22/92	Hill et al			
	A.F	4	7	4	4	1	6	1	5/17/88	Instance			
	A.G	5	8	4	9	1	3	8	12/15/98	Olson			
	A.H	5	8	6	6	2	1	9	2/2/99	McClure et al			
	A.I	5	3	4	2	0	9	3	8/30/94	Weernink			
	A.J												
	A.K												

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
	A.L					
	A.M					
	A.N					
	A.O					
	A.P					
	A.Q					

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

	A.R	
	A.S	
	A.T	

EXAMINER

Linda L. May

DATE CONSIDERED

7-24-03

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SUBSTITUTE FORM PTO 1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. AMPE/02A		SERIAL NO. 10/039,684	
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				APPLICANT Lowell F. Matthews et al			
(37 CFR 1.901)				FILING DATE December 31 3001		GROUP 1772-1734	

U.S. PATENT DOCUMENTS																	
EXAMINER INITIAL	A.A	A.B	A.C	A.D	A.E	A.F	A.G	A.H	A.I	A.J	A.K	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
												4 7 1 1 6 8 6	12/8/87	Instance			
												4 7 4 4 5 9 1	5/17/88	Instance			
												4 7 4 7 6 1 8	5/31/88	Instance			
												4 3 5 9 3 5 8	11/16/82	Hattermer			
												4 6 2 1 8 3 7	11/1986	Mack			
												5 2 6 2 2 1 4	11/1993	Instance			

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS											
A.L	A.M	A.N	A.O	A.P	A.Q	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
						0 153 185 B1	09/11/91	Europe			

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)		
A.R		
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Lowell F. Matthews et al.

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1734

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
llg	A.A	5	8	6	3	6	2	8	1/26/99	Barry			
	A.B	5	9	7	2	4	5	5	10/26/99	Barry			
	A.C	6	0	5	7	0	1	9	5/2/2000	Barry			
	A.D	5	9	4	4	3	5	7	8/31/99	Instance			
	A.E	5	3	9	9	4	0	3	3/21/95	Instance			
	A.F	4	9	9	1	8	7	8	2/12/91	Cowan et al			
	A.G												
	A.H												
	A.I												
	A.J												
	A.K												

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FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
	A.L						
	A.M						
	A.N						
	A.O						
	A.P						
	A.Q						

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